MDARC CARRIER
Volume LIV Number 1 WWW.MDARC.ORG January 2006

January Meeting

Friday, January 20
7:30 pm

*****

Chris Sutr
San Ramon Valley Fire Dept.

Our Savior's Lutheran Church
1035 Carol Lane
Lafayette, CA

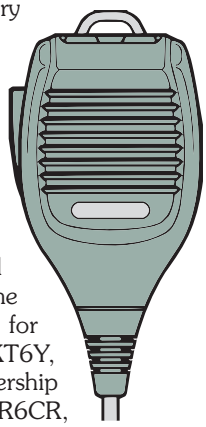
Inside

Board Meeting Minutes..... 2
RACES Training Schedule..... 4
Wayne Merryman, WB6WZV, SK..... 4

Thank You MDARC for Letting Me be Your President

By Trevor Hall, WA6JAU

I have a lot of people to thank for the last two years as your president, but I want to thank the general membership first. MDARC expects its president to be a one person army. The most common word I got from the membership when I asked for help was no. Luckily I had a handful of members that said yes. Do Marty Heyman, your new president, a hand when you can. I plan on supporting him in every way possible.



Thank you to Joe Cusumano, Dick Schulze, Paul Dickey, Dick Brown, Jay Caldis, Bob Green, Terry Matzkin, Dana Jones, Pete Slagle, John Schulze, Keith Lattin, Trevor Raty, Jim Brunk, Jim Tittle, Robert Hampton, Janice Fujii, Lauren Styles, Mark Burnham, Teresa Robuck, Jerry Gardner, Marvin Miller, Pete Harris Ron Luttringer and the many fine people on the PACIFICON committee for all your support.

The annual holiday party was a great success. I am sorry that we had to turn away people that did not call me for a reservation. I had ordered extra meals, but it was not enough for the unannounced guests. At the party there were annual awards given to, Joe Cusumano, KF6RGH, for Ham Of The Year, Dan Bent, KF6IQL, for Kilroy Key, Jay Caldis, KT6Y, for monthly *Carrier* mailing, Pete Slagle, K6XL, for monthly membership chairman duties, Dick Schulze, AA6DL, for treasurer, John Schulze, KR6CR, for PACIFICON chairman, and Trevor Raty for his technical support all year. A Yaesu FT60R handheld was won by James Clarke, KB6SHT.

The next club event is the Tech Committee meeting on January 7, 2006 at 8:00am at the Environmental Center in Pittsburg. Come one, come all.

The next general meeting is January 20 and the speaker is Chris Sutr from the San Ramon Valley Fire Department. Chris always gives great presentations, so please try to attend.

Remember that the MDARC board meeting is on the first Monday of every month at 7:00pm. We meet January 2, 2006 at Carl's Jr. at Citrus Plaza in Walnut Creek, behind the Bank Of America.

I hope you had a great Holiday Season and Best Wishes for the New Year.

FCC Invites Comments on League's "Regulation by Bandwidth" Petition

NEWINGTON, CT, Jan 9, 2006—The FCC is inviting public comments on the ARRL's Petition for Rule Making that asks the Commission to regulate the amateur bands by necessary bandwidth rather than by mode. The petition recommends what the ARRL calls "a shift in regulatory philosophy" to encourage and enable development and refinement of digital techniques and advanced technologies. It has been designated as RM-11306, and comments are due by Monday, February 6.

"This petition seeks for the Amateur Radio Service the flexibility to experiment with new digital transmission methods and types to be developed in the future while permitting present operating modes to continue to be used for as long as there are radio amateurs who wish to use them," the League said in its petition, filed November 14. The ARRL says its suggested changes also will update the FCC's rules and eliminate the need for "cumbersome procedures" to determine whether a new digital mode is legal under Part 97.

Comments may be filed via the FCC's Electronic Comment Filing System (ECFS). Under "ECFS Main Links" on the right-hand side of the screen, click on "Submit a Filing" to file comments. To view others' comments, click on "Search for Filed Comments." In either case, type "RM-11306" in the "Proceeding" field. Be sure to include

Continued on page 3

Mt. Diablo Amateur Radio Club W6CX

P.O. Box 23222
Pleasant Hill, CA 94523
(925) 288-1730

The *Carrier* is a monthly publication of the Mount Diablo Amateur Radio Club (MDARC). It is the policy of the editor to publish all material submitted by the membership provided such material is in good taste, relevant to amateur radio and of interest to MDARC members, and space is available.

All material must be submitted to the editor by the first day of the month of publication. Material is accepted on a first-in, first-out basis. Articles and other material may be submitted via Internet email to carrier@gardnerclan.net or delivered to the editor at the address listed in the club roster. Material will be accepted in plain ASCII or rich text format (RTF). Material may also be submitted as hardcopy.

All material published in the *Carrier* may be reproduced for non-commercial use provided such use credits both the *MDARC Carrier* and the author of the article. Copyrighted material without accompanying written permission to republish will not be accepted.

The opinions expressed in the *Carrier* are solely those of the editor or other contributors and do not necessarily reflect the opinions of either the Board of Directors or membership of MDARC

Club Officers

President
Marty Heyman, W6MDH

Vice President
Sheldon Lawrence, KI6ATA

Secretary
Paul Dickey, N6JOX
paulr33@earthlink.net

Treasurer
Dick Schulze, AA6DL
rmschulze@earthlink.net

Emergency Coordinator
Dana Jones, K6BRR
k6brr@stay.com

Directors
Robert Green, K6GD
bobgreen@sbcglobal.net

Jay Caldis, KT6Y (925) 939-1893
jcaldis@astound.net

Trevor Raty, KG6MDW
Joe Cusumano, KF6RGH

Membership Chairman
Pete Slagle, K6XL
mdarc-membership@k6xl.org

Carrier Editor
Jerry Gardner, W6UV (925) 735-7325
carrier@gardnerclan.net

Webmaster
Marvin Miller, WA6GBW (925) 829-3410

W6CX Repeaters
147.060/+ (100 PL)
224.780/- (077 PL)
441.325/+ (100 PL)
ATV: In 1289.25 Out 427.25, 1241.25
ARPS: 144.39
TCP/IP: 145.71

Board Meeting Minutes

January 2, 2006

President Marty Heyman, W6MDH, called the meeting to order at 7:00 p.m.

Other Board Members present: Secretary Paul Dickey, N6JOX, Treasurer Dick Schulze, AA6DL, Directors Jay Caldis, KT6Y, Joe Cusumano, KF6RGH, and Trevor Raty, KG6MDW. Other club members and guests: Past Pres. Trevor Hall, WA6JAU, Membership Chairman Pete Slagle, K6XL , Dick Brown KT6X, (7:40) and Aaron Gelineau, KG6NCL.

The minutes of the Dec.5 meeting were APPROVED with a correction to record a change in the last item to Trevor Raty preparing the online application.

Treasurer Dick Schulze REPORTED a balance of $49,585.32, total of accounts, including two CDs, without including accrued interest not reported. He REPORTED the tentative figures at the end of the year were very close to the budget amounts.

The membership form discussion was POSTPONED until the June meeting of the Board, unanimously, at which time Trevor Raty and Pete Slagle will propose a format for an online form including a PayPal option.

Pres. Marty APPOINTED the same members to the Audit Committee for the 2005 year audits. Members are: Jay Caldis, Paul Dickey, and Eoin O'Donoghue KK6Q, Chairman. Paul will contact Eoin to arrange dates for the PACIFICON audits and the 2005 Club audit.

Pres. Marty REPORTED that VP Sheldon Lawrence had been ill. The speaker list had been turned over by Joe. In order to facilitate this month's meeting, Joe will obtain refreshments, and the speaker lined up is Chris Suter. Ideas for the February meeting were solicited. Regarding the auction meeting in April, the Board discussed advertising, flyers, notices, etc. E-mail reminders seem to be very effective, so Pete will continue those. Marty will talk with other Clubs.

Pres. Marty sent Marvin Miller updates for the website. Trevor Raty reminded us that HamWiki needs to have a link on the website.

Old Business

- The voter project was updated by Trevor Raty. He provided a quote of $337.55 to get the system functioning, in a minimum way, on both Vaca and the Oakland Hills. That quote did not include decoder boards, etc., so the Board asked Trevor to provide further information on costs and a timeline, for the next meeting.
- The repeater coordination issue was discussed after a briefing by Trevor Raty. Marty and Dick Schulze will pursue the issue with other Clubs involved, and report back to the Board. Two small changes (pl and deviation) by the others would help reduce the problem.
- The issue of Pete's ticket from Field Day activities was discussed, and Pete requested that the appeal be dropped. The Board CONCURRED.

New Business

- Past President Trevor Hall volunteered and President Marty APPOINTED him to be the new Chairman of the Technical Committee. (The next meeting is Sat. 1/7.) The Tech Committee will report on the status and ownership of the equipment at the next Board meeting.

President Marty **adjourned** the meeting at 8:10 p.m.

Respectfully submitted, Paul Dickey N6JOX, Secretary

Proposed Budget 2006

INCOME	
Interest	500
Membership Dues	10,500
Auction	1,000
Door Prizes	1,000
Holiday Party	850
Refreshments	400
Pacificon Income	7,500
TOTAL INCOME:	**21750**

EXPENSES Membership	
Advertising	100
Carrier postage	660
Carrier printing	1,500
Field Day	800
Insurance-Liability	1,250
License and Filing Fees	40
Auction Expense	150
Directory	400
Door Prizes	1,000
Holiday Party Awards	250
Holiday Party Decorations	175
Holiday Party Food	1,100
MDARC Website	185
Membership Chair Exp	700
Picnic	450
Refreshments	400
Rent & Coffee	900
Speaker Expenses	175
Office Supplies	100
Telephone	225
PO Box Rental	70
Storage	500
Total Membership Expense:	**11130**

EXPENSES Repeater	
Dues - NARCC	20
Dues - Northgate Repeater Assn	350
Office Supplies & Postage	25
Repeater Repairs	1,000
DSL Connection	1175
Insurance - Equipment	800
Telephone	240
Tower Lease	6,975
****Total Repeater Expense:**	**10585**
Total Expense:	**21715**

Summary	
Total Income:	**21750**
Total Expense:	**21715**
Net Income:	**35**

**There is an ongoing voter project that is a capital expense item. The repeater committee is preparing a budget that will be submitted to the board and ultimately to the membership for approval at some time in 2006.

FCC Invites Comments on Petition

Continued from page 1

the hyphen (but not the quotation marks). You may prepare and file your comments as an attachment.

The next step in this proceeding would be either a Notice of Proposed Rule Making (NPRM) or a dismissal of the League's petition. An NPRM would kick off a further round of formal comments. For the rules to take effect, the FCC would have to issue a Report and Order putting the changes into place and setting an effective date.

The ARRL is asking the FCC to replace the table at §97.305(c) with a new one that segments bands by necessary bandwidths ranging from 200 Hz to 100 kHz (see table "Proposed Band Segments and Bandwidths"). Unaffected by the ARRL's recommendations, if they're adopted, would be 160 and 60 meters. Other bands below 29 MHz would be segmented into subbands allowing maximum emission bandwidths of 200, 500 or 3.5 kHz, with an exception for AM phone.

- 200 Hz would permit CW "at all speeds that human operators can decode" as well as PSK31.
- 500-Hz bandwidth would accommodate RTTY and data modes and possibly some new image modes.
- 2.8 kHz would remain the bandwidth for 60-meter operation on USB.
- 3.5 kHz would accommodate SSB and digital telephony, image, high-speed data and multimedia.
- 9 kHz is the ARRL's recommendation for double-sideband AM.
- 16 kHz is "a reasonable compromise bandwidth" to continue to permit analog FM voice, data, digital voice and multimedia at 29.0 to 29.7 MHz.
- 100 kHz, now permitted for RTTY and data in bands above 420 MHz, should be allowed starting at 50 MHz,

RACES Training Schedule January - April 2006

Date	Location	Subject
January 21, 0800-1200	50 Douglas Drive, Martinez, CA	Ready Kit Cache Deployment
February 18, 0800-1200	50 Douglas Drive, Martinez, CA	Ready Kit, Message Handling, Emergency Nets, Class & Field Exercise
March 18, 0800-1200	Con Fire Training Center, Pleasant Hill	Check-in & Staging Classroom
April 15, 0800-1200	Con Fire Training Center, Pleasant Hill	Check-in & Staging Field Exercise

Be sure to verify the time and place of training on the countywide RACES net on the Thursday evening prior to the event. The countywide net airs at 7:20 PM on 147.735 Central County, 145.410 South County and 145.490 West County.

with the exception of 50.0-50.3 MHz and 144.0-144.3 MHz to allow digital multimedia and high-speed meteor scatter work.

The ARRL says the changes it's proposing to Part 97 constitute a balance "between the need to encourage wider bandwidth, faster digital communications and the need to reasonably accommodate all users in crowded bands." Conceding that its regulation-by-bandwidth regime would place increased responsibility on the amateur community to establish workable, accepted band plans, the League has expressed confidence that such an effort would be successful.

ARRL CEO David Sumner, K1ZZ, has discussed the subject of regulating by bandwidth in three "It Seems to Us…" QST editorials: "Regulation by Bandwidth" in September 2004, "Narrowing the Bandwidth Issues" in April 2005 and "Self Regulation" in October 2005.

"This petition does not favor one mode at the expense of another," the ARRL concluded in urging FCC adoption. "It merely allows expansion of the repertoire of options that amateurs may pursue compatibly."

Wayne Merryman, WB6WZV, Silent Key

By Dick Schulze, AA6DL

Our longtime member, Wayne Merryman, died November 3, 2005. He was born in Kearney, a small town in Nebraska, but grew up in Colorado and Northern California. He graduated from the University of Colorado in 1956 with degree in electrical engineering. His first job was with the National Bureau of Standards but he left after only six weeks, saying he was "too young to retire". Over his long career he worked as an electrics engineer for Collins Radio, Lockheed, EH Labs, his own company, Merryman Engineering, and finally, for 15 years, as chief engineer in the Walnut Creek office of Fresenius Medical Care, an international company providing kidney dialysis, and from which he retired in 1998.

Wayne and Joan, his wife of 48 years, have lived in Lafayette for 44 years and have three grown sons, James, who has an MBA, and works for Newscorp, Richard with a degree in Political Science is a real estate broker and developer in San Francisco, and Stephen, also with an MBA and works for WEBMD.com.

Besides his longtime interest in amateur radio, he was licensed in 1962, he had a strong interest in politics and science, and little theatre. He was active coaching youth sports, and other activities including teaching Scouts the joys of ham radio that included our own Lauren Styles. He served on the Lafayette Cable Commission, and after the commission finished its work in six months, the committee was dissolved—no continuing bureaucracy for him.

Wayne enjoyed the club and the companionship of the group. He was an active club member, participating regularly in public service events. He was chair of the public service committee for three years, and at one time was editor of the Carrier. He had an exceptionally good humor that was often expressed with his explosive laugh that we will always fondly remember.

ELK ANTENNAS

NEW DUAL BAND 2M/440

- 2 M gain 6.6 dBd (8.5 dBi)
- 440 gain 7 dBd (9.0 dBi)
- 20+ dB front to back ratio
- 24 inch boom length
- Super fast assembly, no instructions needed, screw color coded elements on to color coded boom
- 2 bands-one connector, great for satellite contacts, no duplexer needed, no duplexer cost

$74.95 call or fax (925) 933-3242

Now available at all HRO stores

NETS

W6CX ATV Net

General ATV Net — Thursday 8:00pm
Net Control: KG6MDW

Contra Costa County ARES/RACES Nets

Thursday, 7:00pm

Central County	145.680 Simplex Jim Brunk, N6BHX
East County	146.535 Simplex Drew Hanson, KD6GLY
South County	146.355/+ (100 PL) Ed Ritchie, K6SFD
West County	145.110/- Steve Adams, KF6WNH

ANAHEIM, CA
(Near Disneyland)
933 N. Euclid St., 92801
(714) 533-7373
(800) 854-6046
Janet, KL7MF, Mgr.
anaheim@hamradio.com

BURBANK, CA
2416 W. Victory Bl., 91506
(818) 842-1786
(800) 854-6046
Eric, KA6IHT, Mgr.
Victory Blvd. at Buena Vista
1 mi. west I-5
burbank@hamradio.com

OAKLAND, CA
2210 Livingston St., 94606
(510) 534-5757
(800) 854-6046
Mark, WI7YN, Mgr.
I-880 at 23rd Ave. ramp
oakland@hamradio.com

SAN DIEGO, CA
5375 Kearny Villa Rd., 92123
(858) 560-4900
(800) 854-6046
Tom, KM6K, Mgr.
Hwy. 163 & Claremont Mesa
sandiego@hamradio.com

SUNNYVALE, CA
510 Lawrence Exp. #102
94085
(408) 736-9496
(800) 854-6046
Howard, KE6PWH, Mgr.
So. from Hwy. 101
sunnyvale@hamradio.com

NEW CASTLE, DE
(Near Philadelphia)
1509 N. Dupont Hwy., 19720
(302) 322-7092
(800) 644-4476
Jim, KA3LLL, Mgr.
RT.13 1/4 mi., So. I-295
newcastle@hamradio.com

PORTLAND, OR
11705 S.W. Pacific Hwy.
97223
(503) 598-0555
(800) 854-6046
Leon, N7IXX, Mgr.
Tigard-99W exit
from Hwy. 5 & 217
portland@hamradio.com

DENVER, CO
8400 E. Iliff Ave. #9, 80231
(303) 745-7373
(800) 444-9476
Joe, KDØGA, Mgr.
John, N5EHP, Mgr.
denver@hamradio.com

PHOENIX, AZ
1939 W. Dunlap Ave., 85021
(602) 242-3515
(800) 444-9476
Gary, N7GJ, Mgr.
1 mi. east of I-17
phoenix@hamradio.com

ATLANTA, GA
6071 Buford Hwy., 30340
(770) 263-0700
(800) 444-7927
Mark, KJ4VO, Mgr.
Doraville, 1 mi. no. of I-285
atlanta@hamradio.com

WOODBRIDGE, VA
(Near Washington D.C.)
14803 Build America Dr. 22191
(703) 643-1063
(800) 444-4799
Steve, N4SR, Mgr.
Exit 161, I-95, So. to US 1
woodbridge@hamradio.com

SALEM, NH
(Near Boston)
224 N. Broadway, 03079
(603) 898-3750
(800) 444-0047
Chuck, N1UC, Mgr.
sales@hamradio.com
Exit 1, I-93;
28 mi. No. of Boston
salem@hamradio.com

12 STORE BUYING POWER

HAM RADIO OUTLET®
WORLDWIDE DISTRIBUTION

KENWOOD

TS-2000 HF/VHF/UHF TCVR
• 100W HF, 6M, 2M • 50W 70CM
• 10W 1.2 GHz w/optional UT-20 module
• IF Stage DSP • Built-in TNC, DX packet cluster
• Backlit Front Key Panel
Low Intro Price!

TH-D7A(G) 2M/440
• 2M/440 Dual Band
• Built-in 1200/9600 Baud TNC
• APRS Compatible
• DX Packet Cluster Monitor
• 200 Mems., CTCSS
• VC-H1 Messaging Control
Low Pricing!

TM-D700A 2M//440 Dualband
• 50w VHF 35w UHF • Opt. Voice Synthesizer
• Receives 118-1300 mHz (cell blocked)
• Remote Head Inst. only (kit included)
• 200 Memories • Built In 1200/9600 baud TNC
• Advanced APRS Features
• Dx Packet Cluster
• Tone Scan • GPS/VC-H1/PC Ports

OAKLAND, CA
2210 Livingston St., 94606
(510) 534-5757
(800) 854-6046
Mark, WI7YN, Mgr.
I-880 at 23rd Ave. ramp
oakland@hamradio.com

SUNNYVALE, CA
510 Lawrence Exp. #102
94085
(408) 736-9496
(800) 854-6046
Howard, KE6PWH, Mgr.
So. from Hwy. 101
sunnyvale@hamradio.com

ICOM

IC-706MkIIG HF/VHF Transceiver
• All mode HF/6M/2M/70CM
• 100W HF/6M, 50W/2M, 20W/440 MHz
• AF-DSP • Plug and Play Filters - No Soldering
• Easy-to-Navigate menues
Low Pricing!

IC-756 PRO II All mode Transceiver
• 160-6M @ 100W • Enhanced Rx performance
• 32 bit IF DSP • SSB/CW Synchronous tuning
• Enhanced 5 inch color TFT w/spectrum scope
• Selectable IF filter shapes for SSB & CW
• Multiple DSP controlled AGC loops
• Advanced CW functions
• 101 alphanumeric memories
The Ultimate Radio!

ALINCO

DJ-196T 2M/HT
• 5 Watt out
• 40 memories
• Alphanumeric display
• CTCSS + DCS built in
• "S" meter
• Auto Dialer
Low Pricing!

DR-135TP 2M mobile
• 50 Watt out • Alpha numeric display
• 100 mems • Built-in TNC 1200 & 9600 Baud
• Front Panel GPS in • Rear DB-9 port
• CTCSS/DCS Encode/Decode built in
Low Pricing!

COAST TO COAST FREE SHIPPING
UPS - Most Items Over $100

Rapid Deliveries From The Store Nearest To You!

YAESU

VX-7R
50/2M/220/440 HT
NEW!
• Wideband RX
• 900 Memories
• 5W TX (300mw 220Mhz)
• Li-Ion Battery
• Fully Submersible to 3 ft.
• Built-in CTCSS/DCS
• Internet WIRES compatible
Great Price!

FT-100D HF/6M/2M/70CM Trans.
• Compact Transceiver w/detachable front panel
• Rx 100kHz to 970mHz (cell blocked)
• Tx 100W 160-6M, 50w 2M, 20W 70CM
• Built-in DSP, Vox, CW keyer
• 300 Memories
Low Pricing!

FT-1000MP MKV HF Trans.
• Enhanced Digital Signal Processing
• Dual RX
• Collins SSB filter built-in
• 200W, External power supply
Low Pricing!

CALENDAR OF EVENTS

January 2	7:00 pm	MDARC Board Meeting	Carl's Jr. 2280 Oakgrove, Walnut Creek
January 20	7:30 pm	MDARC General Meeting	Our Savior's Lutheran Church
January 31		February *Carrier* Deadline	
February 6	7:00 pm	MDARC Board Meeting	Carl's Jr. 2280 Oakgrove, Walnut Creek
Thursday Evenings	7:30 pm	MDARC Club Net	147.06 & 441.325 MHz

The Carrier
Newsletter of the Mt. Diablo Amateur Radio Club
P.O. Box 23222
Pleasant Hill, CA 94523

Change in Service Requested

PRSRT STD
U.S. POSTAGE
PAID
CONCORD, CA
PERMIT NO. 460

MDARC Meeting: January 20th